What is claimed is:

1. A wireless network system comprising:

a radio-relay terminating station;

a radio-relay station being connected to said radio-relay terminating station in a wireless manner;

a wireless terminal being connected to said radio-relay station in a wireless manner; and

wherein said radio-relay terminating station preserves a plurality of network addresses to be assigned to said radio-relay station and to said wireless terminal, assigns a first network address belonging to said plurality of network addresses to said radio-relay station and collectively feeds an address pool making up a part of said plurality of network addresses to the radio-relay station and wherein said radio-relay station preserves said address pool and assigns a second network address belonging to said address pool to said wireless terminal.

2. The wireless network system according to Claim 1, further comprising an other radio-relay station, wherein said other radio-relay station preserves an other address pool being different from said address pool and wherein, when said radio-relay station is connected to said other radio-relay station, said other radio-relay station assigns a third network address belonging to said other address pool to said radio-relay station.

3. The wireless network system according to Claim 2, wherein, when said other radio-relay station is connected to said

radio-relay terminating station, said other address pool makes up of a part of said plurality of network addresses and said address pool is not renewed and said second network address is not renewed.

4. The wireless network system according to Claim 2, further comprising an other radio-relay terminating station which preserves an other plurality of network addresses being different from said plurality of network addresses and wherein, when said other radio-relay station is connected to said other radio-relay terminating station, said address pool is renewed to become still an other address pool making up a part of said other plurality of network addresses and said second network address is renewed to become a fourth network address belonging to said other address pool.

5. A network address assigning method for assigning a network address to a radio-relay station and a wireless terminal in a wireless network system made up of a radio-relay terminating station, said radio-relay station, and said wireless terminal, said method comprising:

a step of feeding a plurality of network addresses to said radio-relay terminating station;

a step of assigning a first network address belonging to said plurality of network addresses to said radio-relay station being connected to said radio-relay terminating station in a wireless manner;

a step of notifying said radio-relay station being connected to said radio-relay terminating station in said wireless manner of an address pool making up a part of said

plurality of network addresses; and

a step of assigning a second network address belonging to said address pool to said wireless terminal being connected to said radio-relay station in a wireless manner.

6. The network address assigning method according to Claim 5, wherein said wireless network system includes an other radio-relay station having an other address pool being different from said address pool and wherein, said radio-relay station is connected to said other radio-relay station, a third network address belonging to said other address pool is assigned to said radio-relay station.

7. The network address assigning method according to Claim 6, wherein, when said other radio-relay station is connected to said radio-relay terminating station, said other address pool makes up said plurality of network addresses and said address pool is not renewed and said third network address is not renewed.

8. The network address assigning method according to Claim 6, wherein said wireless network system includes an other radio-relay terminating station and wherein, when said other radio-relay station is connected to said other radio-relay terminating station, said network address assigning method comprises:

a step of feeding an other plurality of network addresses being different from said plurality of network addresses to said other radio-relay terminating station;

a step of notifying said other radio-relay station of said

other address pool making up a part of said other plurality of network addresses;

a step of notifying said radio-relay station of still an other address pool making up a part of said other plurality of network addresses; and

a step of assigning a fourth network address belonging to still an other address pool to said wireless terminal.

9. The network address assigning method according to Claim 8, wherein each of said plurality of network addresses contains a value corresponding to said radio-relay terminating station and wherein, when said value belonging to said first network address is different from said value belonging to said third network address, still said other address pool is notified.